

4328.72304

PATENT APPLICATION

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Takahiro Sasaki  
Div. of Serial  
No.: 10/621,789  
Conf. No.: 1657  
Filed: 07/17/2003  
For: LIQUID CRYSTAL DISPLAY  
APPARATUS...  
Art Unit: 2871  
Examiner: Dudek, James A.

*I hereby certify that this paper is being deposited with the U.S. Postal Service as FIRST CLASS MAIL in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

January 25, 2006

Date

Attorney for Applicant(s)  
Registration No. 47,954

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within any of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the application or the date of entry into the national stage; or
- (b) before the mailing date of First Office Action on the merits (i.e., not including actions such as restriction requirements); or
- (c) before the mailing of a First Office Action after the filing of a Request for Continuing Examination.

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of foreign patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

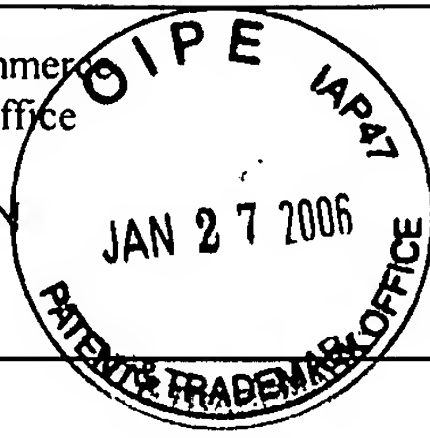
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GREER, BURNS &amp; CRAIN, LTD.

By:

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Form PTO-1449  
(Rev. 8-88)U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: 4328.72304

Div. of S.N. 10/621,789

Applicant: Sasaki et al.

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

Filing Date: July 17, 2003

Group: 2871

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	US 2005/0140887	06-2005	Song et. al.			
	US 2005/0105030	05-2005	Kim et. al.			
	US 2004/0246422	12-2004	Seo et. al.			
	US 2004/0080697	04-2004	Song et. al.			
	US 2003/0202144	10-2003	Kim et. al.			
	US 2003/0086043	05-2003	Seo et. al.			
	US 2003/0053019	3-2003	Song et. al.			
	US 2002/0145693	10-2002	Kim et. al.			
	US 2002/0118329	08-2002	Koma, Norio			
	US 2002/0015125	02-2002	Kim et. al.			
	US 2001/0010572	08-2001	Koma et. al.			
	US 2001/0009449	07-2001	Kuo et. al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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	US 6,876,419	04-2005	Kim et. al.			
	US 6,862,063	03-2005	Shim et. al.			
	US 6,825,906	11-2004	Kim et. al.			
	US 6,809,787	10-2004	Seo et. al.			
	US 6,791,647	09-2004	Kim et. al.			
	US 6,778,244	08-2004	Song et. al.			
	US 6,750,935	06-2004	Seo et. al.			
	US 6,724,452	04-2004	Takeda et. al.			
	US 6,710,837	03-2004	Song et. al.			
	US 6,661,488	12-2003	Takeda et. al.			
	US 6,512,568	01-2003	Song et. al.			
	US 6,512,565	01-2003	Lee et. al.			

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Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	US 6,509,944	01-2003	Koma et. al.			
	US 6,469,764	10-2002	Kim et. al.			
	US 6,462,798	10-2002	Kim et. al.			
	US 6,256,080	07-2001	Colgan et. al.			
	US 6,229,589	05-2001	Koma, Norio			
	US 6,100,953	08-2000	Kim et. al.			

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